



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

GRASS et al.

Art Unit: 1631

Serial No.: 09/786,361

Filed: March 14, 2001

Attorney Docket No. 109904-00015

For: PHARMACOKINETIC-BASED DRUG DESIGN TOOL AND METHOD

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231
Sir:

July 17, 2001

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information item(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each item(s) is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the item(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

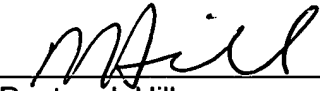
1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date, OR (b) before the mailing date of a first Office Action on the merits in the present application, OR (c) accompanies a Request for Continued Examination. No certification or fee is required.
2. The Examiner's attention is directed to co-pending U.S. Patent Application Nos. 09/786,362 filed March 14, 2001; 09/320,544 filed May 26, 1999, 09/320,545, filed May 26, 1999; 09/320,371, filed May 26, 1999; 09/320,069, filed May 26, 1999; 09/320,270 filed May 26, 1999; and 09/320,372 filed May 26, 1999, which are directed to related technical subject matter. The identification of these U.S. Patent Applications are not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination of the present application.

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3. In addition to the references already cited in this application, those cited in the applications identified above, and those cited in the associated PCT applications (international search reports, written opinions, and preliminary examination reports are included in this IDS), Applicants, due to the number of references cited, would like to point out that an article by one of the inventors, Grass, George, "Simulation models to predict oral drug absorption from in vitro data", Advanced Drug Delivery Reviews, (1997) Vol. 23, pp. 199-219, appears to be one of the more relevant references.

Respectfully submitted,



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Section A

<u>NUMBER</u>	<u>FILING DATE</u>
60/100,224	14 September 1998
60/100,290	14 September 1998
60/109,232	18 November 1998
60/109,234	18 November 1998

Section B

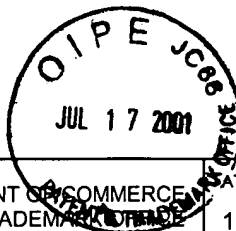
<u>APPLICATION SERIAL NUMBER</u>	<u>FILING DATE</u>	<u>STATUS</u>
09/320,069	26 May 1999	Pending
09/320,270	26 May 1999	Pending
09/320,371	26 May 1999	Pending
09/320,372	26 May 1999	Pending
09/320,544	26 May 1999	Pending
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AB	Audus et al., "The Use of Cultured Epithelial and Endothelial Cells for Drug Transport and Metabolism Studies", <u>Pharmaceutical Research</u> (1990) Vol. 7, No. 5, pp 435-451
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AF	Grass et al., "Mechanisms of Corneal Drug Penetration III: Modeling of Molecular Transport", <u>Journal of Pharmaceutical Sciences</u> , (1988) Vol. 77, No. 1, pp. 24-26
AG	Grass et al., "In Vitro Measurement of Gastrointestinal Tissue Permeability Using a New Diffusion Cell", <u>Pharmaceutical Research</u> (1988) Vol. 5, No. 6, pp. 372-376
AH	Hidalgo et al., "Characterization of the Unstirred Water Layer in Caco-2 Cell Monolayers Using a Novel Diffusion Apparatus", <u>Pharmaceutical Research</u> (1991) Vol. 8, No. 2, pp. 222-227
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AP	Mathias et al., "Respiratory Epithelial Cell Culture Models for Evaluation of Ion and Drug Transport", <u>Advanced Drug Delivery Reviews</u> (1996) Vol. 22, pp. 215-249
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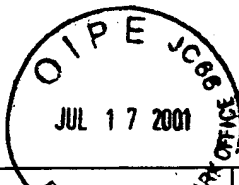
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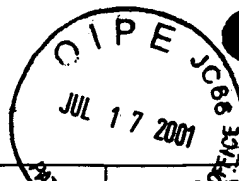
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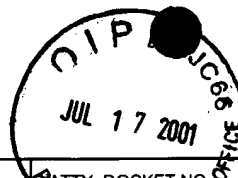
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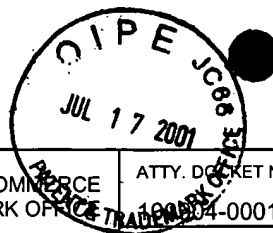
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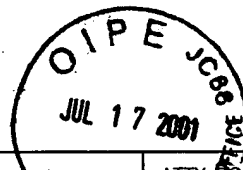
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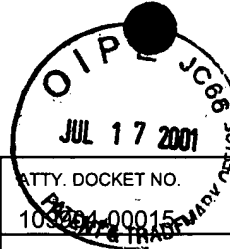
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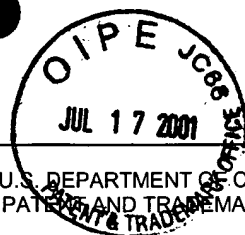
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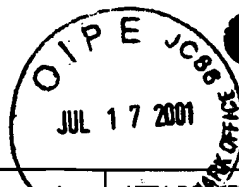
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